

JOINT HIGHWAY
RESEARCH PROJECT
JHRP-79-2

TRAFFIC SPEED REPORT
NO. 107

J. B. Nickerson
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TRAFFIC SPEED REPORT NO. 107

TO: Harold L. Michael, Director
Joint Highway Research Project

FROM: James Mekemson
Graduate Research Assistant
Joint Highway Research Project

February 8, 1979

File: 8-3-3

Project: C-36-10C

The attached Progress Report No. 107 on Traffic Speeds is the report of the October - December 1978 quarterly study of free-flowing automobile and truck speeds on rural, tangent, level sections of Interstate, 4-lane and 2-lane and on urban interstate highways in Indiana. The report has been prepared by Mr. J. R. Mekemson, a Graduate Instructor in Research on our staff, under the direction of Professor H. L. Michael. The data collection was directed by Mr. G. K. Stafford of our staff.

The results indicate that the average speed of passenger cars was 1.2 mph greater while that of heavy trucks was 0.5 mph greater than the respective average speeds for the preceding quarterly period.

The October - December quarterly period speeds are in general greater than the July - August quarterly period speeds. However, the average speed of passenger cars was 0.5 mph less while that of heavy trucks was 0.4 mph less than the respective average speeds of a year ago.

Copies of the report will be sent to the Federal Highway Administration and the ISHC for review, comment and acceptance as partial fulfillment of the objectives of this HPR Part I Study. Copies of the report are requested for release to the Indiana State Police and the Indiana Office of Traffic Safety as a normal procedure for these reports.

Respectfully submitted,


James Mekemson
Graduate Research Assistant

JM:ks

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16. Abstract This report is another in the continuing study of speeds of vehicles on Indiana highways. Observations of spot speeds were taken on interstate, four-lane and two-lane highways throughout the state during the October - December 1978 quarter. Analysis of the speeds showed the overall average speed for all vehicles was 58.3 mph. The overall average speed for passenger cars and all trucks was 58.8 mph and 57.7 mph respectively. These overall average speeds were 1.2 mph greater for passenger cars and 0.9 mph greater for trucks than speeds found in the July - September 1978 study (Speed Report No. 106).			
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Interim Report
TRAFFIC SPEED REPORT NO. 107

by

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and

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in cooperation with the

Indiana State Highway Commission

and the

U. S. Department of Transportation
Federal Highway Administration

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Purdue University
West Lafayette, Indiana
February 8, 1979

TRAFFIC SPEED REPORT NO. 107

This report is an analysis of spot speed observations made between October and December 1978. All observations were of free flowing vehicles on level, tangent sections of rural and urban highways under favorable conditions. All observation were made during daylight under favorable conditions.

The speed monitoring stations for each highway classification were divided into two groups. The first group is identified as "control stations" and studied from the same locations on selected Federal and State highways as used in previous studies. The "primary control stations" are used in each quarterly study. The second group is selected at random for each quarterly study.

Fourteen speed monitoring stations were used for this reported study. Seven of these stations were the primary control stations and the other seven stations were selected at random for this quarterly study.

Stations were classified as rural two-lane, four-lane, or interstate, or urban interstate highways. A representative sample of spot speeds was obtained at each station in each classification. The site locations follow and are also shown in Figure A.

Rural Interstate Highways

*RI-21 (I-69)	1.6 miles south of S.R. 18
*RI-6 (I-65)	2.3 miles south of S.R. 56, 50 yards south of 27 mile marker
RI-2 (I-64)	5.9 miles west of S.R. 61
RI-17 (I-70)	1.1 miles east of S.R. 9

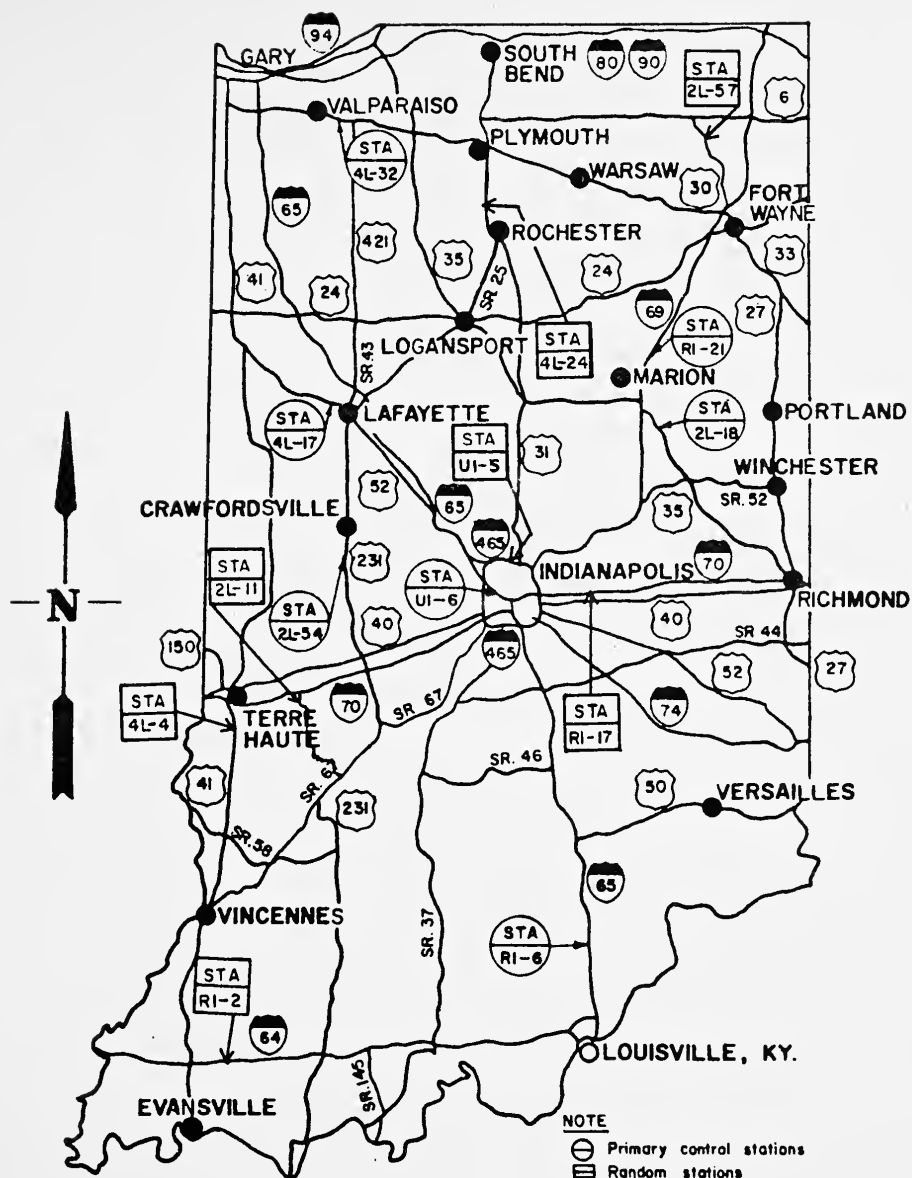


FIGURE A. LOCATIONS OF SPEED-STUDY STATIONS

Four-Lane Highways

*4L-32 (U.S. 30)	2.9 miles west of Wanatak City limit sign
*4L-17 (U.S. 52)	150' east of C.R. 475 W.
4L-4 (U.S. 41)	0.45 miles south of south sign of Youngstown
4L-24 (U.S. 31)	7.8 miles north of S.R. 25

Two-Lane Highways

*2L-18 (U.S. 35)	2.5 miles east of I-69
*2L-54 (U.S. 231)	1.1 miles south of S.R. 234
2L-11 (S.R. 59)	1.5 miles south of I-70
2L-57 (S.R. 3)	2.1 miles north of north leg of S.R. 8

Urban Interstate Highways

UI-6 (I-65)	just east of White River
UI-5 (I-465)	2.55 miles west of U.S. 31

*Primary Control Stations.

The vehicles were classified as Indiana or Non-Indiana Passenger Cars and Light (less than 5,000 lbs. gross weight) or Heavy (equal to or more than 5,000 lbs. gross weight) Trucks. The analysis was performed as classified and combined, passenger cars or trucks.

The maximum speed limit in Indiana is 55 miles per hour, both on Interstate and other rural highways.

Equipment and Field Procedure

The observations for this study were obtained by use of a Radar Speed Meter. The meter was located in a van type vehicle parked as a disabled vehicle on the right shoulder or as a normally parked vehicle in an access driveway to the road. The van was equipped with one-way vision windows on the side facing traffic and the rear window was shuttered so that approaching vehicles could not observe the speed measurement process. The observers were also equipped with CB radio equipment so as to monitor possible

radio notification of the speed measurement and of police vehicles in the area. When any such incidents occurred speeds were not taken for at least a 15 minute period following. Such periods rarely occurred on other than interstate roads where they occurred frequently.

The speed was measured at a distance from the van so that the angle of measurement with the highway center line was always less than 10° . No corrections of speeds were necessary at these small angles. At the beginning of the study the accuracy of the meter was checked and any constant discrepancy of readings was corrected accordingly.

RESULTS OF ANALYSIS

The data collected were analyzed and are summarized in Tables 1 to 14 in the Appendix. Tables 15, 16, 17, and 18 summarize the data for rural interstate, four-lane, two-lane, and urban interstate highways, respectively. Table 19 is the summary for all highways. Tables 20 through 34 are summaries in a FHWA format which that organization requires.

The average speed for each classification of vehicles on each type of highway for this study was as follows:

	<u>Interstate</u>		<u>Other</u> <u>Four Lane</u>	<u>Two Lane</u>
	<u>Urban</u>	<u>Rural</u>	<u>Rural</u>	<u>Rural</u>
<u>Passenger Cars:</u>				
Indiana	59.3	60.8	57.8	57.3
Non-Indiana	59.7	60.6	59.5	58.3
All Passenger Cars	59.3	60.7	58.0	57.4
85 Percential (all)	62.9	64.7	62.6	62.0
<u>Trucks:</u>				
Less than 5,000 lbs.	58.7	59.4	56.9	56.6
5,000 lbs. or more	57.8	59.9	58.3	54.9
<u>All Vehicles:</u>				
Average	58.9	60.3	57.9	56.6
85 Percentile	62.5	64.6	62.7	61.6

The percent of vehicles exceeding the speed limit (55 mph) for each classification of vehicle and each type of highway was as follows:

	<u>Interstate</u>		<u>Other</u> <u>Four Lane</u>	<u>Two Lane</u>
	<u>Urban</u>	<u>Rural</u>	<u>Rural</u>	<u>Rural</u>
<u>Passenger Cars:</u>				
Indiana	82.4	88.2	68.0	63.5
Non-Indiana	90.9	87.5	80.0	71.3
All Passenger Cars	83.1	88.0	69.4	64.1
<u>Trucks:</u>				
Less than 5,000 lbs.	81.0	76.4	63.6	59.5
5,000 lbs. or more	71.6	83.4	72.0	49.5
<u>All Vehicles:</u>				
	80.1	85.0	68.9	59.6

The percent of vehicles traveling more than 5 mph above the speed limit (exceeding 60 mph) for each case was as follows:

	<u>Interstate</u>		<u>Other</u> <u>Four Lane</u>	<u>Two Lane</u>
	<u>Urban</u>	<u>Rural</u>	<u>Rural</u>	<u>Rural</u>
<u>Passenger Cars:</u>				
Indiana	35.1	50.2	26.9	23.8
Non-Indiana	36.4	48.9	35.8	40.0
All Passenger Cars	35.2	49.9	27.9	25.1
<u>Trucks:</u>				
Less than 5,000 lbs.	27.9	39.1	29.9	21.7
5,000 lbs. or more	33.3	43.5	36.3	16.9
<u>All Vehicles:</u>				
	33.5	46.5	30.2	22.4

The percent of vehicles traveling more than 10 mph above the speed limit (exceeding 65 mph) for each case was as follows:

	<u>Interstate</u>		<u>Other</u> <u>Four Lane</u>	<u>Two Lane</u>
	<u>Urban</u>	<u>Rural</u>	<u>Rural</u>	<u>Rural</u>
<u>Passenger Cars:</u>				
Indiana	9.1	13.6	6.6	7.1
Non-Indiana	4.5	14.3	9.2	7.5
All Passenger Cars	8.7	13.8	6.9	7.2
<u>Trucks:</u>				
Less than 5,000 lbs.	7.5	11.4	6.7	4.6
5,000 lbs. or more	2.5	12.3	9.0	3.7
<u>All Vehicles:</u>				
	7.1	13.0	7.4	5.8

Summary and Conclusions

Overall average speed for all vehicles and passenger cars in the October - December 1978 study were found to be 58.3 and 58.8 mph, respectively. These overall average speeds for all vehicles and passenger cars are respectively 1.1 and 1.2 mph above the results of the July - September 1978 study, and are 0.4 and 0.5 mph below the results of the October - December 1977 study.

Overall average speeds for all trucks and heavy trucks in this October - December 1978 study were found to be 57.7 and 57.8 mph, respectively. These overall average speeds for all trucks and heavy trucks are respectively 0.9 and 0.5 mph greater than the results of the July - September 1978 study, and differ by 0.4 and 0.4 mph, respectively, below the October - December 1977 study.

Table A presents a comparison of the overall speed results with that of the previous three studies. The table also shows that the 85th percentile speed of passenger cars increased by 1.1 mph to 63.2 mph when compared to the July - September 1978 study and is 0.8 mph below the results of the October - December 1977 study.

A comparison of October - December 1978 speed data with that for other recent periods for several types of highways for passenger cars and trucks is shown in Tables B, C, D, and E.

Tables B, C, D, and E show in general that passenger car and truck average speeds have increased slightly when compared to the July - September 1978 study results but are slightly less than speeds of October - December 1977.

Table A
Comparison of the Overall Speed Results

	Oct.-Dec. 1978	July-Sept. 1978	April-June 1978	Jan.-March 1978
<u>Average:</u>				
All Passenger Cars	58.8	57.6	58.4	59.0
Heavy Trucks	57.8	57.3	57.9	57.8
All Trucks	57.7	56.8	57.6	57.6
<u>85 Percentile:</u>				
All Passenger Cars	63.2	62.1	63.1	63.8
Heavy Trucks	62.9	62.2	62.7	62.9
All Trucks	62.7	61.7	62.7	62.8
<u>15 Percentile:</u>				
Heavy Trucks	51.6	51.6	52.1	51.8

Table B
Average Speeds on Interstate Highways (Urban)

	Oct.-Dec. 1978	July-Sept. 1978	April-June 1978	Jan.-March 1978
<u>Passenger Cars:</u>				
Indiana	59.3	58.0	59.2	59.7
Non-Indiana	59.7	57.9	57.9	61.2
All Passenger Cars	59.3	58.0	59.1	59.9
85 Percentile (all)	62.9	62.1	62.9	63.9
<u>Trucks:</u>				
Less than 5,000 lbs.	58.7	56.5	58.4	58.3
5,000 lbs. or more	57.8	56.8	57.7	58.4

Table C
Average Speeds on Interstate Highways (Rural)

	Oct.-Dec. 1978	July-Sept. 1978	April-June 1978	Jan.-March 1978
<u>Passenger Cars:</u>				
Indiana	60.8	58.5	60.5	61.0
Non-Indiana	60.6	60.1	60.5	61.4
All Passenger Cars	60.7	59.2	60.5	61.1
85 Percentile (all)	64.7	63.1	64.9	65.9
<u>Trucks:</u>				
Less than 5,000 lbs.	59.4	58.2	59.3	59.8
5,000 lbs. or more	59.9	59.4	60.0	59.8

Table D
Average Speeds on Other Four-Lane Highways

	Oct.-Dec. 1978	July-Sept. 1978	April-June 1978	Jan.-March 1978
<u>Passenger Cars:</u>				
Indiana	57.8	56.9	57.5	58.0
Non-Indiana	59.5	57.5	58.2	60.2
All Passenger Cars	58.0	56.9	57.6	58.2
85 Percentile (all)	62.6	61.6	62.2	62.7
<u>Trucks:</u>				
Less than 5,000 lbs.	56.9	55.4	57.2	57.3
5,000 lbs. or more	58.3	56.2	57.9	57.6

Table E
Average Speeds on Two-Lane Highways

	Oct.-Dec. 1978	July-Sept. 1978	April-June 1978	Jan.-March 1978
<u>Passenger Cars:</u>				
Indiana	57.3	56.4	56.5	57.2
Non-Indiana	58.3	56.2	57.5	58.9
All Passenger Cars	57.4	56.4	56.8	57.3
85 Percentile (all)	62.0	61.0	61.6	62.3
<u>Trucks:</u>				
Less than 5,000 lbs.	56.6	55.0	55.3	55.5
5,000 lbs. or more	54.9	55.5	54.9	54.4

TABLE 1 SPEED DATA

STATION RI-6 HIGHWAY I-65 LOCATION 2.3 miles south of S.R. 56

NO. OF LANES 4 TYPE OF SURFACE Blacktop WEATHER clear and sunny

THIS OBSERVATION LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 106)

DATE 11-9-78

TIME 9:18 a.m. - 10:32 a.m. NB

10:48 a.m. - 11:43 a.m. SB

	PASSENGER CARS						TRUCKS					
	ALL			INDIANA			NON-INDIANA			ALL		
	PRES-	ENT	LAST	PRES-	ENT	LAST	PRES-	ENT	LAST	PRES-	ENT	LAST
OBSERVATION												
NUMBER OF VEHICLES	246	226	134	192	112	184	34	216	57	59	127	157
AVE. SPEED (MPH)	60.70	61.21	60.70	61.24	60.50	60.10	61.03	60.80	59.80	58.73	60.20	61.57
STANDARD DEVIATION	5.400	4.734	5.210	4.848	5.640	4.680	4.093	5.253	5.460	6.316	4.300	4.580
24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	0	0	0	0	0	0	0	0
44 MPH	0	0	0	0	0	0	0	0	0	0	0	0
49 MPH	1.2	2	1.5	1.0	2	1.1	0	2.8	1.8	6.8	8	1.3
54 MPH	9.4	5.3	9.7	6.3	8.9	10.3	2.9	11.1	14.0	23.7	8.7	6.4
TRAVELING	45.1	36.3	42.3	35.2	42.3	44.6	38.2	38.2	56.1	52.3	39.4	31.2
AT OR	80.1	79.6	79.8	79.7	80.4	85.3	79.4	78.2	82.5	88.1	86.6	74.5
LESS THAN	94.3	94.7	95.5	94.3	92.9	97.3	97.1	95.4	94.7	94.9	98.4	95.5
74 MPH	98.4	99.1	97.8	99.0	99.1	100.0	100.0	99.1	100.0	96.6	100.0	100.0
79 MPH	99.6	99.6	100.0	99.5	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
84 MPH	99.6	100.0	100.0	100.0	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
89 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
DIRECTION ND												
NUMBER OF VEHICLES	131	92	71	79	60	84	13	127	25	22	59	105
AVERAGE SPEED	59.40	61.67	59.30	61.82	59.50	58.60	60.77	61.96	57.40	60.55	59.10	62.26
DIRECTION SB												
NUMBER OF VEHICLES	115	134	63	113	52	100	21	89	32	37	68	52
AVERAGE SPEED	62.30	60.82	62.20	60.83	62.50	61.30	61.19	59.13	61.60	57.65	61.20	60.19

TABLE 2--SPEED DATA

STATION RI-21 HIGHWAY I-69 LOCATION 1.6 miles south of S.R. 18

NO. OF LANES 4 TYPE OF SURFACE Blacktop WEATHER clear and sunny

THIS OBSERVATION LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 106)

DATE 10-2-78

TIME 2:21p.m.-3:52p.m. NB

4:05p.m.-5:15p.m. SB

	PASSENGER CARS				TRUCKS			
	ALL	INDIANA	NON-INDIANA	ALL	<5000 LBS.	>5000 LBS.	PRES-	PRES-
OBSERVATION	LAST	ENI	LAST	ENI	LAST	ENI	LAST	ENI
NUMBER OF VEHICLES	263	343	178	267	85	176	48	85
AVE. SPEED (MPH)	60.20	61.22	60.00	61.08	60.60	60.45	58.60	60.68
STANDARD DEVIATION	4.760	4.857	4.560	4.727	5.170	5.064	6.090	5.095
24 MPH	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	0	0	0	0
44 MPH	0	0	0	0	0	0	0	0
49 MPH	4	23	6	0	0	0	0	0
54 MPH	8.0	7.0	9.0	7.1	5.2	6.6	15.5	10.8
59 MPH	49.8	35.2	51.7	37.5	45.2	30.3	50.6	45.5
64 MPH	85.2	79.6	86.0	80.5	82.2	76.3	83.2	77.3
69 MPH	95.4	95.3	96.6	95.5	92.2	94.7	95.4	96.6
74 MPH	98.5	98.5	99.4	98.9	96.5	97.4	99.4	98.8
79 MPH	99.6	99.4	100.0	99.3	98.8	100.0	100.0	100.0
84 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
89 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
DIRECTION NB	128	170	86	132	42	38	91	86
NUMBER OF VEHICLES	60.30	61.84	60.30	61.73	60.10	62.18	60.80	61.30
AVERAGE SPEED	135	173	92	135	43	38	83	90
DIRECTION SB	60.10	60.62	59.60	60.44	61.00	61.26	58.50	59.64
NUMBER OF VEHICLES	43	42	24	43	24	42	24	42
AVERAGE SPEED	58.92	58.50	58.10	58.64	58.10	58.48	58.50	58.92

TABLE 3 SPEED DATA

STATION RI-2 HIGHWAY I-64 LOCATION 5.9 miles west of S.R. 61NO. OF LANES 4 TYPE OF SURFACE Blacktop WEATHER clear and sunnyTHIS OBSERVATION DATE 11-8-78 LAST PREVIOUS OBSERVATION (SPEED REPORT NO.)DATE 9:18a.m.-10:44a.m. EB
TIME 11:13a.m.-12:48p.m. WB

	PASSENGER CARS				NON-INDIANA				ALL				TRUCKS			
	ALL	PRES-	INDIANA	PRES-	ALL	PRES-	ENI	LAST	ALL	PRES-	ENI	LAST	ALL	PRES-	ENI	LAST
OBSERVATION	LAST	ENI	LAST	ENI	LAST	ENI	ENI	LAST	LAST	ENI	ENI	LAST	LAST	ENI	ENI	LAST
NUMBER OF VEHICLES	0	218	0	167	0	51	0	216	0	55	0	55	0	161	0	161
AVERAGE SPEED (MPH)	0	61.55	0	61.55	0	61.55	0	59.81	0	60.55	0	60.55	0	59.55	0	59.55
STANDARD DEVIATION	0	5.789	0	6.105	0	4.658	0	5.351	0	5.909	0	5.909	0	5.142	0	5.142
24 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54 MPH	0	2.3	0	3.0	0	0	0	2.3	0	1.8	0	1.8	0	2.5	0	2.5
59 MPH	0	9.2	0	9.6	0	7.8	0	17.1	0	18.2	0	18.2	0	16.8	0	16.8
TRAVELING	0	32.6	0	33.5	0	29.4	0	46.8	0	40.0	0	40.0	0	49.1	0	49.1
AT OR	0	76.1	0	76.6	0	74.5	0	84.7	0	80.0	0	80.0	0	86.3	0	86.3
LESS THAN	0	91.7	0	91.4	0	96.1	0	94.9	0	92.7	0	92.7	0	95.7	0	95.7
74 MPH	0	97.7	0	97.0	0	100.0	0	99.1	0	98.2	0	98.2	0	99.4	0	99.4
79 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
84 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
89 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
DIRECTION	EB															
NUMBER OF VEHICLES	0	112	0	92	0	20	0	104	0	22	0	22	0	82	0	82
AVERAGE SPEED	0	61.66	0	61.50	0	62.40	0	58.66	0	60.64	0	60.64	0	58.13	0	58.13
DIRECTION	WB															
NUMBER OF VEHICLES	0	106	0	75	0	31	0	112	0	33	0	33	0	79	0	79
AVERAGE SPEED	0	61.42	0	61.61	0	60.97	0	60.87	0	60.48	0	60.48	0	61.03	0	61.03

TABLE 4 SPEED DATA

STATION RI-17 HIGHWAY I-70 LOCATION 1.1 miles east of S.R. 9

NO. OF LANES 4 TYPE OF SURFACE Concrete WEATHER cloudy

THIS OBSERVATION LAST PREVIOUS OBSERVATION (SPEED REPORT NO.)

DATE 11-13-78

DATE 11-05a.m.

TIME 12:15p.m. E3

TIME 12:55p.m. I:58p.m. WB

										TRUCKS									
PASSENGER CARS					NON-INDIANA					<5000 LBS.					>5000 LBS.				
ALL		INDIANA		PRES-	PRES-			LAST	ENT	ALL		PRES-			PRES-				
OBSERVATION	LAST	ENT	LAST	ENT	LAST	ENT	LAST	ENT	LAST	LAST	ENT	LAST	ENT	LAST	LAST	ENT	LAST	ENT	PRES-
NUMBER OF VEHICLES	0	262	0	151	0	111	0	176	0	0	0	0	72	0	0	0	0	104	
AVE. SPEED (MPH)	0	59.09	0	58.96	0	59.21	0	57.88	0	0	0	0	57.39	0	0	0	57.52	0	
STANDARD DEVIATION	0	4.188	0	4.063	0	4.367	0	4.255	0	0	0	0	4.577	0	0	0	4.038	0	
24 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
39 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
44 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
49 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
54 MPH	0	9.2	0	9.2	0	8.1	0	18.8	0	0	0	0	18.1	0	0	0	19.2	0	
59 MPH	0	56.2	0	58.3	0	55.0	0	72.7	0	0	0	0	73.6	0	0	0	72.1	0	
64 MPH	0	92.4	0	93.4	0	91.0	0	92.8	0	0	0	0	94.4	0	0	0	93.3	0	
69 MPH	0	97.7	0	97.4	0	98.2	0	99.4	0	0	0	0	98.6	0	0	0	100.0	0	
74 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	0	0	0	100.0	0	0	0	100.0	0	
79 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	0	0	0	100.0	0	0	0	100.0	0	
84 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	0	0	0	100.0	0	0	0	100.0	0	
89 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	0	0	0	100.0	0	0	0	100.0	0	
DIRECTION	0	127	0	81	0	46	0	20	0	0	0	0	28	0	0	0	62	0	
NUMBER OF VEHICLES	0	58.62	0	58.80	0	58.48	0	57.28	0	0	0	0	57.54	0	0	0	57.16	0	
AVERAGE SPEED	0	135	0	70	0	65	0	86	0	0	0	0	44	0	0	0	42	0	
DIRECTION	0	52.42	0	52.14	0	52.72	0	57.70	0	0	0	0	57.30	0	0	0	58.12	0	
NUMBER OF VEHICLES	0	135	0	70	0	65	0	86	0	0	0	0	44	0	0	0	42	0	
AVERAGE SPEED	0	52.42	0	52.14	0	52.72	0	57.70	0	0	0	0	57.30	0	0	0	58.12	0	

TABLE 5 SPEED DATA

STATION 4L-17 HIGHWAY U.S. 52 LOCATION Tippecanoe County 150' east of C.R. 475 West

NO. OF LANES 4 TYPE OF SURFACE Blacktop WEATHER clear and sunny

THIS OBSERVATION DATE 10-1-78 LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 106)

DATE 9:30a.m. TIME 11:18a.m. DATE 12:40p.m. TIME 2:23p.m.

PASSENGER CARS										TRUCKS														
ALL					INDIANA					ALL					<5000 LBS.					>5000 LBS.				
PRES-					PRES-					PRES-					PRES-					PRES-				
OBSERVATION					OBSERVATION					OBSERVATION					OBSERVATION					OBSERVATION				
LAST ENI					LAST ENI					LAST ENI					LAST ENI					LAST ENI				
NUMBER OF VEHICLES					NUMBER OF VEHICLES					NUMBER OF VEHICLES					NUMBER OF VEHICLES					NUMBER OF VEHICLES				
AVE. SPEED (MPH)					AVE. SPEED (MPH)					AVE. SPEED (MPH)					AVE. SPEED (MPH)					AVE. SPEED (MPH)				
STANDARD DEVIATION					STANDARD DEVIATION					STANDARD DEVIATION					STANDARD DEVIATION					STANDARD DEVIATION				
24 MPH					24 MPH					24 MPH					24 MPH					24 MPH				
29 MPH					29 MPH					29 MPH					29 MPH					29 MPH				
34 MPH					34 MPH					34 MPH					34 MPH					34 MPH				
39 MPH					39 MPH					39 MPH					39 MPH					39 MPH				
44 MPH					44 MPH					44 MPH					44 MPH					44 MPH				
49 MPH					49 MPH					49 MPH					49 MPH					49 MPH				
54 MPH					54 MPH					54 MPH					54 MPH					54 MPH				
59 MPH					59 MPH					59 MPH					59 MPH					59 MPH				
64 MPH					64 MPH					64 MPH					64 MPH					64 MPH				
69 MPH					69 MPH					69 MPH					69 MPH					69 MPH				
74 MPH					74 MPH					74 MPH					74 MPH					74 MPH				
79 MPH					79 MPH					79 MPH					79 MPH					79 MPH				
84 MPH					84 MPH					84 MPH					84 MPH					84 MPH				
89 MPH					89 MPH					89 MPH					89 MPH					89 MPH				
DIRECTION					DIRECTION					DIRECTION					DIRECTION					DIRECTION				
NUMBER OF VEHICLES					NUMBER OF VEHICLES					NUMBER OF VEHICLES					NUMBER OF VEHICLES					NUMBER OF VEHICLES				
AVERAGE SPEED					AVERAGE SPEED					AVERAGE SPEED					AVERAGE SPEED					AVERAGE SPEED				
DIRECTION					DIRECTION					DIRECTION					DIRECTION					DIRECTION				
NUMBER OF VEHICLES					NUMBER OF VEHICLES					NUMBER OF VEHICLES					NUMBER OF VEHICLES					NUMBER OF VEHICLES				
AVERAGE SPEED					AVERAGE SPEED					AVERAGE SPEED					AVERAGE SPEED					AVERAGE SPEED				

TABLE 6 SPEED DATA

STATION 41-32 HIGHWAY U.S. 30 LOCATION 2.2 miles west of Wanatah City limit sign
 NO. OF LANES 4 TYPE OF SURFACE Blacktop WEATHER partly cloudy
 THIS OBSERVATION DATE 11-10-78 LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 106)
 DATE 11:45a.m.-12:13p.m. WB DATE
 TIME 10:42a.m.-11:41a.m. WB TIME

	PASSENGER CARS				NON-INDIANA				ALL				TRUCKS			
	ALL	PRES-	INDIANA	PRES-	ALL	PRES-	INDIANA	PRES-	ALL	PRES-	INDIANA	PRES-	ALL	PRES-	<5000 LBS.	>5000 LBS.
OBSERVATION	LAST	ENI	LAST	ENI	LAST	ENI	LAST	ENI	LAST	ENI	LAST	ENI	LAST	ENI	LAST	ENI
NUMBER OF VEHICLES	180	252	131	196	49	56	248	189	47	66	291	123	47	66	291	123
AVE. SPEED (MPH)	57.50	58.96	57.60	58.52	57.50	60.52	58.50	59.01	57.30	59.02	58.80	59.00	57.30	59.02	58.80	59.00
STANDARD DEVIATION	4.790	5.034	4.510	5.077	5.540	4.592	4.530	5.306	4.130	5.354	4.580	5.302	4.130	5.354	4.580	5.302
24 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	4	0	5	0	0	4	5	0	0	5	0	0	1.5	5	0
44 MPH	6	8	8	10	0	0	12	16	0	1.5	14	0	0	1.5	14	0
49 MPH	2.8	2.4	8	2.6	8.2	1.8	2.8	3.2	4.3	4.1	2.5	4.1	4.3	1.5	2.5	4.1
54 MPH	27.8	16.7	27.5	18.9	28.6	8.9	16.9	16.9	23.4	16.7	15.4	17.1	23.4	16.7	15.4	17.1
59 MPH	62.4	54.8	71.8	59.7	63.3	37.5	55.2	54.0	68.1	51.5	52.2	55.3	68.1	51.5	52.2	55.3
64 MPH	92.2	89.3	92.4	91.8	91.8	80.4	91.9	91.5	97.9	92.4	90.6	91.1	97.9	92.4	90.6	91.1
69 MPH	27.8	97.6	98.5	98.0	95.9	96.4	100.0	96.3	100.0	97.0	100.0	95.9	100.0	97.0	100.0	95.9
74 MPH	100.0	99.6	100.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
79 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
84 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
89 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
DIRECTION	BB															
NUMBER OF VEHICLES	94	131	68	100	26	31	121	92	24	34	97	58	24	34	97	58
AVERAGE SPEED	57.60	58.77	57.70	58.54	57.50	59.52	59.30	58.77	56.80	58.38	59.20	59.00	56.80	58.38	59.20	59.00
DIRECTION	WB															
NUMBER OF VEHICLES	86	121	63	96	23	25	127	97	23	32	104	65	23	32	104	65
AVERAGE SPEED	57.30	59.17	57.20	58.49	57.50	61.76	57.80	59.23	57.80	59.69	57.80	59.00	57.80	59.69	57.80	59.00

TABLE 7 SPEED DATA

STATION 41-4 HIGHWAY U.S. 41 LOCATION .45 miles south of south sign of Youngstown
 NO. OF LANES 4 TYPE OF SURFACE Concrete WEATHER partly cloudy
 THIS OBSERVATION 11-7-78 LAST PREVIOUS OBSERVATION (SPEED REPORT NO.)
 DATE 12:01p.m. 12:57p.m. NB
 TIME 10:56a.m. 11:49a.m. SB

	PASSENGER CARS			NON-INDIANA			ALL			TRUCKS		
	ALL	INDIANA	PRES-	ALL	INDIANA	PRES-	ALL	INDIANA	PRES-	<5000 LBS.	>5000 LBS.	PRES-
OBSERVATION	LAST	ENI	LAST	ENI	LAST	ENI	LAST	ENI	LAST	ENI	LAST	ENI
NUMBER OF VEHICLES	0	251	0	237	0	14	0	188	0	96	0	92
AVERAGE SPEED (MPH)	0	56.89	0	56.77	0	58.86	0	55.16	0	55.88	0	54.41
STANDARD DEVIATION	0	5.071	0	5.134	0	3.416	0	5.535	0	5.564	0	5.642
24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	4	0	4	0	0	0	5	0	0	0	1.1
44 MPH	0	2.4	0	2.5	0	0	0	4.8	0	3.1	0	6.5
49 MPH	0	7.2	0	7.6	0	0	0	13.3	0	10.4	0	16.3
54 MPH	0	27.1	0	27.8	0	14.3	0	44.1	0	32.6	0	48.2
59 MPH	0	70.9	0	71.7	0	57.1	0	75.0	0	68.8	0	81.5
64 MPH	0	95.2	0	94.9	0	100.0	0	95.7	0	93.8	0	97.8
69 MPH	0	98.8	0	98.7	0	100.0	0	100.0	0	100.0	0	100.0
74 MPH	0	99.6	0	99.6	0	100.0	0	100.0	0	100.0	0	100.0
79 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
84 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
89 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
DIRECTION NB												
NUMBER OF VEHICLES	0	130	0	124	0	6	0	91	0	48	0	43
AVERAGE SPEED	0	55.92	0	55.86	0	58.67	0	54.88	0	56.54	0	53.02
DIRECTION SB												
NUMBER OF VEHICLES	0	121	0	113	0	8	0	97	0	48	0	49
AVERAGE SPEED	0	57.85	0	57.77	0	59.09	0	55.42	0	55.21	0	55.63

TABLE 8 SPEED DATA

STATION 4L-24 HIGHWAY U.S. 31 LOCATION 7.8 miles North of S.R. 25

NO. OF LANES 4 TYPE OF SURFACE Concrete WEATHER cloudy

THIS OBSERVATION DATE 11-15-78 LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 106)

DATE 10:37a.m. 12:17p.m. NB
TIME 12:30p.m. 1:55p.m. SB

	PASSENGER CARS				NON-INDIANA				TRUCKS			
	ALL	INDIANA	PRES-	ENT	LAST	ENT	LAST	PRES-	ALL	<5000 LBS.	ENT	>5000 LBS.
OBSERVATION	LAST	ENT	PRES-	ENT	LAST	ENT	LAST	PRES-	LAST	ENT	LAST	PRES-
NUMBER OF VEHICLES	219	183	0	36	0	215	0	73	0	142	0	142
AVE. SPEED (MPH)	59.58	59.66	0	59.17	0	60.40	0	59.26	0	60.99	0	60.99
STANDARD DEVIATION	5.076	5.247	0	4.137	0	5.224	0	5.528	0	4.316	0	4.316
24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	0	0	0	0	0	0	0	0
44 MPH	0	0	0	0	0	0	0	0	0	0	0	0
49 MPH	0	0	0	0	0	0	0	0	0	0	0	0
PERCENT OF VEHICLES	12.8	12.0	0	16.7	0	14.0	0	20.5	0	10.6	0	10.6
TRAVELING AT OR LESS THAN	54.8	55.2	0	52.8	0	39.5	0	53.4	0	32.4	0	32.4
64 MPH	84.2	84.2	0	88.2	0	77.7	0	83.6	0	74.6	0	74.6
60 MPH	95.4	94.5	0	100.0	0	98.6	0	97.3	0	92.3	0	92.3
74 MPH	99.1	98.9	0	100.0	0	99.5	0	98.6	0	100.0	0	100.0
79 MPH	100.2	100.0	0	100.0	0	99.5	0	98.6	0	100.0	0	100.0
84 MPH	100.2	100.0	0	100.0	0	99.5	0	98.6	0	100.0	0	100.0
89 MPH	100.2	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
DIRECTION NB												
NUMBER OF VEHICLES	110	94	0	16	0	104	0	31	0	73	0	73
AVERAGE SPEED	59.45	59.50	0	59.12	0	59.99	0	59.10	0	60.37	0	60.37
DIRECTION SB												
NUMBER OF VEHICLES	102	89	0	20	0	111	0	42	0	69	0	69
AVERAGE SPEED	59.72	59.83	0	59.20	0	60.79	0	59.38	0	61.65	0	61.65

TABLE 2 SPEED DATA

STATION 2L-18 HIGHWAY U.S. 35 LOCATION 2.5 miles east of I-69

NO. OF LANES 2 TYPE OF SURFACE Blacktop WEATHER clear and sunny

THIS OBSERVATION LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 106)

DATE 10-2-78

TIME 10:05a.m.-1:32p.m.

	PASSENGER CARS						TRUCKS					
	ALL	PRES-	INDIANA	PRES-	NON-INDIANA	PRES-	ALL	PRES-	<5000 LBS.	PRES-	>5000 LBS.	PRES-
OBSERVATION	LAST	ENI	LAST	ENI	LAST	ENI	LAST	ENI	LAST	ENI	LAST	ENI
NUMBER OF VEHICLES	283	342	257	313	26	29	146	241	79	90	67	151
AVERAGE SPEED (MPH)	57.60	57.99	57.50	57.89	58.10	59.14	55.30	55.05	56.10	56.22	54.30	53.20
STANDARD DEVIATION	6.080	5.608	6.110	5.645	5.810	5.146	6.360	5.658	6.410	6.471	6.200	5.982
24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	3	3	0	3	0	0	7	1.2	0	0	1.5	2.0
44 MPH	2.1	3	2.3	3	0	0	6.2	6.6	5.1	1.1	7.4	9.9
49 MPH	7.1	5.0	7.4	5.4	3.8	0	15.8	14.9	12.7	7.8	19.4	19.2
54 MPH	27.9	22.8	27.6	23.3	30.8	17.2	43.2	39.8	38.0	24.4	49.3	49.0
59 MPH	67.1	66.1	67.7	67.4	61.5	51.7	73.3	80.9	70.9	72.2	76.1	86.1
64 MPH	88.0	92.4	88.3	93.0	84.6	86.2	93.2	97.5	89.9	96.7	97.0	98.0
69 MPH	96.5	96.8	96.1	96.8	100.0	96.6	99.3	100.0	98.7	100.0	100.0	100.0
74 MPH	99.3	98.8	99.2	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
79 MPH	100.0	99.4	100.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
84 MPH	100.0	99.4	100.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
89 MPH	100.0	99.7	100.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
DIRECTION EB	129	171	120	156	9	15	84	126	44	46	40	80
NUMBER OF VEHICLES	58.40	58.37	58.30	58.40	58.90	58.13	56.20	56.22	57.70	57.41	54.70	55.54
AVERAGE SPEED	154	171	137	157	17	14	62	115	35	44	27	71
DIRECTION WB	56.90	57.61	56.80	57.38	57.70	60.21	54.00	53.77	54.20	56.55	53.70	52.06
NUMBER OF VEHICLES												
AVERAGE SPEED												

TABLE 10 SPEED DATA

STATION 2L-54 HIGHWAY U.S. 231

LOCATION 1.1 miles south of S.R. 234

NO. OF LANES 2

TYPE OF SURFACE Blacktop

WEATHER clear and sunny

THIS OBSERVATION

DATE 10-3-78

TIME 10:09am-1:00pm

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 106)

DATE

TIME

PASSENGER CARS										TRUCKS													
ALL										ALL													
INDIANA					NON-INDIANA					<5000 LBS.					>5000 LBS.								
PRES-		PRES-		PRES-		PRES-		PRES-		PRES-		PRES-		PRES-		PRES-		PRES-		PRES-		PRES-	
OBSERVATION	LAST	ENT	LAST	ENT	LAST	ENT	LAST	ENT	LAST	ENT	LAST	ENT	LAST	ENT	LAST	ENT	LAST	ENT	LAST	ENT	LAST	ENT	
NUMBER OF VEHICLES	241	217	216	204	25	13	196	218	86	84	110	134											
AVE. SPEED (MPH)	55.70	57.37	55.60	57.29	56.30	58.62	55.80	56.70	56.20	57.79	55.50	56.01											
STANDARD DEVIATION	5.820	5.653	5.810	5.614	6.040	6.345	6.480	6.407	7.200	6.070	5.880	6.540											
24 MPH	0	0	0	0	0	0	0	0	0	0	0	0											
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0											
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0											
39 MPH	8	5	9	5	0	0	0	0	5	0	0	0											
44 MPH	50	2	51	10	40	0	46	28	35	12	54	37											
49 MPH	108	74	116	74	40	77	148	106	163	48	136	142											
54 MPH	386	285	380	282	440	231	413	307	407	250	418	343											
59 MPH	788	682	792	621	760	538	745	683	709	655	773	701											
64 MPH	946	908	954	912	880	846	923	927	872	917	964	933											
69 MPH	983	977	986	925	1000	1000	980	977	965	952	991	993											
74 MPH	1000	1000	1000	1000	1000	1000	985	995	977	988	991	1000											
79 MPH	1000	1000	1000	1000	1000	1000	1000	925	1000	988	1000	1000											
84 MPH	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000											
89 MPH	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000											
DIRECTION - NB																							
NUMBER OF VEHICLES	110	106	102	99	8	7	102	109	43	43	59	66											
AVERAGE SPEED	56.00	56.99	55.90	56.68	57.40	61.43	55.70	57.20	57.00	58.19	54.80	56.56											
DIRECTION - SB																							
NUMBER OF VEHICLES	131	111	114	105	17	6	94	109	43	41	51	68											
AVERAGE SPEED	55.40	57.73	55.30	57.87	55.80	55.33	55.80	56.19	55.30	57.37	56.30	55.49											

TABLE 11 SPEED DATA

STATION 2L-11 HIGHWAY S.R. 59 LOCATION 1.5 miles south of I-70

NO. OF LANES 2 TYPE OF SURFACE Blacktop WEATHER cloudy

THIS OBSERVATION LAST PREVIOUS OBSERVATION (SPEED REPORT NO.)

DATE 11-14-78

TIME 10:13am-1:40pm

PASSENGER CARS										TRUCKS																				
ALL					INDIANA					NON-INDIANA					ALL					<5000 LBS.					>5000 LBS.					
PRES-					PRES-					PRES-					PRES-					PRES-					PRES-					
OBSERVATION	LAST	ENI	LAST	ENI	OBSERVATION	LAST	ENI	LAST	ENI	OBSERVATION	LAST	ENI	LAST	ENI	OBSERVATION	LAST	ENI	LAST	ENI	OBSERVATION	LAST	ENI	LAST	ENI	OBSERVATION	LAST	ENI	LAST	ENI	
NUMBER OF VEHICLES	0	222	0	214	0	214	0	214	0	8	0	207	0	119	0	207	0	119	0	88	0	207	0	119	0	88	0	207	0	119
AVE. SPEED (MPH)	0	57.64	0	57.61	0	57.61	0	57.61	0	58.38	0	56.48	0	56.35	0	56.48	0	56.35	0	56.65	0	56.48	0	56.35	0	56.65	0	56.48	0	56.35
STANDARD DEVIATION	0	6.664	0	6.730	0	6.730	0	6.730	0	4.809	0	5.737	0	5.626	0	5.737	0	5.626	0	5.911	0	5.737	0	5.626	0	5.911	0	5.737	0	5.626
24 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
39 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
44 MPH	0	1.4	0	1.4	0	1.4	0	1.4	0	0	0	1.0	0	8	0	1.0	0	8	0	1.1	0	1.0	0	8	0	1.1	0	1.0	0	8
49 MPH	0	9.9	0	10.3	0	10.3	0	10.3	0	0	0	11.1	0	8.4	0	11.1	0	8.4	0	14.8	0	11.1	0	8.4	0	14.8	0	11.1	0	8.4
54 MPH	0	29.7	0	29.9	0	29.9	0	29.9	0	25.0	0	38.2	0	37.5	0	38.2	0	37.5	0	37.5	0	38.2	0	37.5	0	37.5	0	38.2	0	37.5
59 MPH	0	66.2	0	66.4	0	66.4	0	66.4	0	62.5	0	72.5	0	74.8	0	72.5	0	74.8	0	69.3	0	72.5	0	74.8	0	69.3	0	72.5	0	74.8
64 MPH	0	89.6	0	89.3	0	89.3	0	89.3	0	100.0	0	90.3	0	91.6	0	90.3	0	91.6	0	88.6	0	90.3	0	91.6	0	88.6	0	90.3	0	91.6
69 MPH	0	95.2	0	94.9	0	94.9	0	94.9	0	100.0	0	99.0	0	98.9	0	99.0	0	98.9	0	98.9	0	99.0	0	98.9	0	98.9	0	99.0	0	98.9
74 MPH	0	98.5	0	98.6	0	98.6	0	98.6	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
79 MPH	0	99.5	0	99.5	0	99.5	0	99.5	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
84 MPH	0	99.5	0	99.5	0	99.5	0	99.5	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
89 MPH	0	99.5	0	99.5	0	99.5	0	99.5	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
DIRECTION NB																														
NUMBER OF VEHICLES	0	114	0	111	0	111	0	111	0	3	0	102	0	56	0	102	0	56	0	46	0	102	0	56	0	46	0	102	0	56
AVERAGE SPEED	0	56.68	0	56.59	0	56.59	0	56.59	0	60.00	0	55.19	0	55.88	0	55.19	0	55.88	0	54.35	0	55.19	0	55.88	0	54.35	0	55.19	0	55.88
DIRECTION SB																														
NUMBER OF VEHICLES	0	108	0	103	0	103	0	103	0	5	0	105	0	63	0	105	0	63	0	42	0	105	0	63	0	42	0	105	0	63
AVERAGE SPEED	0	58.66	0	58.72	0	58.72	0	58.72	0	57.40	0	57.73	0	56.78	0	57.73	0	56.78	0	59.17	0	57.73	0	56.78	0	59.17	0	57.73	0	56.78

TABLE 12 SPEED DATA

STATION 2L-57 HIGHWAY S.R. 3 LOCATION 2.1 miles north of north leg of S.R. 8

NO. OF LANES	TYPE OF SURFACE	WEATHER
2	Blacktop	cloudy

THIS OBSERVATION	LAST PREVIOUS OBSERVATION (SPEED REPORT NO. _____)
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DATE 11-16-78
TIME 8:40am-11:58am

OBSERVATION	ALL			PASSENGER CARS			NON-INDIANA			ALL			TRUCKS		
	LAST	ENI	PRES-	LAST	ENI	PRES-	LAST	ENI	PRES-	LAST	ENI	PRES-	LAST	ENI	PRES-
NUMBER OF VEHICLES	0	268	0	238	0	30	0	168	0	80	0	180	0	88	0
AVE. SPEED (MPH)	0	56.47	0	56.27	0	57.23	0	54.31	0	55.31	0	53.40	0	53.40	0
STANDARD DEVIATION	0	5.377	0	5.413	0	5.110	0	5.770	0	5.570	0	5.828	0	5.828	0
-24 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-29 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-34 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	54	0	0	0	0	0	0	0	0	0	0	0	0	0
44 MPH	0	121	0	214	0	0	0	124	0	38	0	23	0	23	0
49 MPH	0	86	0	88	0	67	0	173	0	163	0	182	0	182	0
54 MPH	0	32.3	0	34.5	0	20.0	0	45.8	0	37.5	0	53.4	0	53.4	0
59 MPH	0	72.4	0	73.5	0	63.3	0	84.5	0	80.0	0	88.6	0	88.6	0
64 MPH	0	94.8	0	94.5	0	96.7	0	97.6	0	98.8	0	96.6	0	96.6	0
69 MPH	0	98.5	0	98.3	0	100.0	0	99.4	0	98.8	0	100.0	0	100.0	0
74 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0
79 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0
84 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0
89 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0
DIRECTION -NB															
NUMBER OF VEHICLES	0	133	0	123	0	10	0	85	0	45	0	40	0	40	0
AVERAGE SPEED	0	56.75	0	56.58	0	58.20	0	54.78	0	56.20	0	53.17	0	53.17	0
DIRECTION -SB															
NUMBER OF VEHICLES	0	135	0	115	0	20	0	83	0	35	0	48	0	48	0
AVERAGE SPEED	0	56.19	0	56.16	0	56.40	0	53.83	0	54.17	0	53.58	0	53.58	0

TABLE 13 SPEED DATA

STATION UI-6 HIGHWAY I-65 LOCATION Just east of White RiverNO. OF LANES 6 TYPE OF SURFACE concrete WEATHER cloudy

THIS OBSERVATION

DATE 11-20-78TIME 1:09pm-1:55pm LB2:15pm-2:50pm WBLAST PREVIOUS OBSERVATION (SPEED REPORT NO. 106)

DATE

TIME

	PASSENGER CARS				NON-INDIANA				ALL				TRUCKS			
	ALL	PRES-	INDIANA	PRES-	ALL	PRES-	INDIANA	PRES-	ALL	PRES-	INDIANA	PRES-	<5000 LBS.	PRES-	>5000 LBS.	PRES-
OBSERVATION	LAST	ENI	LAST	ENI	LAST	ENI	LAST	ENI	LAST	ENI	LAST	ENI	LAST	ENI	LAST	ENI
NUMBER OF VEHICLES	275	275	229	255	46	20	161	161	161	80	78	81	83			
AVE. SPEED (MPH)	58.10	59.49	58.00	59.50	58.50	59.45	56.90	58.04	57.00	58.41	56.80	57.70				
STANDARD DEVIATION	5.000	4.804	5.070	4.920	4.670	3.052	5.060	4.134	4.960	4.079	5.190	4.181				
24 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 MPH	3.6	1.1	4.4	1.2	0	0	6.2	2.5	2.6	0	4.9	1.2				
54 MPH	22.1	13.5	22.3	13.7	21.7	10.0	24.8	12.5	31.3	12.4	18.5	2.4				
TRAVELING	61.5	55.3	62.9	56.1	54.3	45.0	70.8	64.6	68.8	62.8	72.8	66.3				
AT OR	64 MPH	90.6	86.2	90.4	85.5	91.3	95.0	95.0	92.5	93.6	97.5	97.6				
LESS THAN	69 MPH	97.8	97.5	97.8	97.3	97.8	100.0	99.4	98.8	98.7	100.0	98.8				
	74 MPH	99.6	99.3	99.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
	79 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
	84 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
	89 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
DIRECTION <u>EB</u>																
NUMBER OF VEHICLES	143	142	114	132	29	10	76	75	38	35	38	40				
AVERAGE SPEED	57.80	59.20	57.70	59.15	58.40	59.80	56.00	57.79	56.30	58.06	55.70	57.55				
DIRECTION <u>WB</u>																
NUMBER OF VEHICLES	132	133	115	123	17	10	85	86	42	43	43	43				
AVERAGE SPEED	58.40	59.81	58.40	59.87	58.70	59.19	57.70	58.27	57.60	58.70	57.90	57.84				

TABLE 14 SPEED DATA

STATION UI-5 HIGHWAY I-465 LOCATION 2.5 miles west of U.S. 31NO. OF LANES 6 TYPE OF SURFACE concrete WEATHER cloudy

THIS OBSERVATION

LAST PREVIOUS OBSERVATION (SPEED REPORT NO.)DATE 11-20-78DATE TIME 10:07 am-10:50am WBTIME 11:00am-12:00noon WB

	PASSENGER CARS				TRUCKS			
	ALL	INDIANA	NON-INDIANA	ALL	<5000 LBS.	5000 LBS. - >5000 LBS.	PRES-	PRES-
OBSERVATION	LAST	ENT	LAST	ENT	LAST	ENT	LAST	ENT
NUMBER OF VEHICLES	0	251	0	227	0	69	0	121
AVE. SPEED (MPH)	0	59.16	0	59.87	0	59.12	0	57.83
STANDARD DEVIATION	0	3.982	0	4.164	0	4.807	0	5.172
24 MPH	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	0	0	0	0
44 MPH	0	0	0	0	0	0	0	0
49 MPH	0	0	0	0	0	0	0	0
PERCENT OF VEHICLES	0	11.5	0	12.3	0	1.6	0	1.7
TRAVELING AT OR LESS THAN	0	54.6	0	55.1	0	2.9	0	6.6
64 MPH	0	91.9	0	92.1	0	11.6	0	24.8
69 MPH	0	98.4	0	98.2	0	59.4	0	57.0
74 MPH	0	100.0	0	100.0	0	87.0	0	92.6
79 MPH	0	100.0	0	100.0	0	99.5	0	100.0
84 MPH	0	100.0	0	100.0	0	100.0	0	100.0
89 MPH	0	100.0	0	100.0	0	100.0	0	100.0
DIRECTION EB	0	100.0	0	100.0	0	100.0	0	100.0
NUMBER OF VEHICLES	0	118	0	107	0	34	0	69
AVERAGE SPEED	0	58.84	0	58.64	0	59.35	0	57.80
DIRECTION WB	0	133	0	120	0	87	0	52
NUMBER OF VEHICLES	0	133	0	120	0	87	0	52
AVERAGE SPEED	0	59.44	0	59.47	0	58.89	0	57.87

TABLE 15 SPEED DATA

STATION RIALL --- HIGHWAY 4 Lane Rural LOCATION see individual stations

NO. OF LANES --- TYPE OF SURFACE --- WEATHER ---

THIS OBSERVATION DATE October-December, 1978 LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 106) DATE July-September, 1978

TIME --- TIME ---

OBSERVATION	PASSENGER CARS			NON-INDIANA			ALL			TRUCKS		
	ALL	PRES-	LAST	ENT	LAST	ENT	PRES-	LAST	ENT	PRES-	LAST	ENT
NUMBER OF VEHICLES	0	1049	0	777	0	272	0	784	0	271	0	513
AVE. SPEED (MPH)	0	60.75	0	60.81	0	60.57	0	59.70	0	59.35	0	59.89
STANDARD DEVIATION	0	4.978	0	5.069	0	4.713	0	5.141	0	5.576	0	4.891
24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	1	0	1	0	0	0	0	0	0	0	0
44 MPH	0	1	0	1	0	0	0	1	0	4	0	0
49 MPH	0	1	0	0	0	1	0	2	0	3	0	2
54 MPH	0	7	0	8	0	7	0	14	0	17	0	13
TRAVELING	0	40.5	0	40.3	0	41.2	0	50.1	0	55.0	0	47.6
AT OR	0	82.1	0	82.0	0	82.4	0	83.3	0	84.5	0	82.7
LESS THAN	0	95.0	0	94.5	0	96.7	0	96.4	0	95.6	0	96.9
74 MPH	0	98.2	0	98.7	0	99.3	0	99.4	0	98.5	0	99.8
79 MPH	0	99.7	0	99.6	0	100.0	0	100.0	0	100.0	0	100.0
84 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
89 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0

TABLE 16 SPEED DATA

STATION 41ALL HIGHWAY 4 Lane Rural LOCATION see individual stations

NO. OF LANES TYPE OF SURFACE WEATHER

THIS OBSERVATION DATE October-December, 1978 LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 106)
DATE July-September, 1978

TIME TIME

PASSENGER CARS										TRUCKS																			
ALL					INDIANA					NON-INDIANA					ALL					<5000 LBS.					>5000 LBS.				
OBSERVATION		LAST		PRES-	LAST		ENT	PRES-	LAST		ENT	PRES-	LAST		ENT	PRES-	LAST		ENT	PRES-	LAST		ENT	PRES-	LAST		ENT	PRES-	
NUMBER OF VEHICLES		0	1045	0	925	0	120	0	751	0	341	0	751	0	341	0	751	0	341	0	751	0	341	0	751	0	410	0	410
AVE. SPEED (MPH)		0	57.97	0	57.78	0	59.45	0	57.70	0	56.95	0	57.70	0	56.95	0	57.70	0	56.95	0	57.70	0	56.95	0	57.70	0	58.32	0	58.32
STANDARD DEVIATION		0	5.263	0	5.338	0	4.390	0	6.023	0	6.168	0	6.023	0	6.168	0	6.023	0	6.168	0	6.023	0	6.168	0	6.023	0	5.834	0	5.834
24 MPH		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29 MPH		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
34 MPH		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
39 MPH		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
44 MPH		0	1.3	0	1.5	0	0	0	3.1	0	3.2	0	3.1	0	3.2	0	3.1	0	3.2	0	3.1	0	3.2	0	3.1	0	2.9	0	2.9
49 MPH		0	4.3	0	4.8	0	.8	0	7.5	0	8.5	0	7.5	0	8.5	0	7.5	0	8.5	0	7.5	0	8.5	0	7.5	0	6.6	0	6.6
54 MPH		0	22.4	0	23.5	0	14.2	0	27.6	0	32.6	0	27.6	0	32.6	0	27.6	0	32.6	0	27.6	0	32.6	0	27.6	0	23.4	0	23.4
59 MPH		0	63.6	0	65.6	0	48.3	0	59.4	0	65.1	0	59.4	0	65.1	0	59.4	0	65.1	0	59.4	0	65.1	0	59.4	0	54.6	0	54.6
64 MPH		0	90.6	0	91.0	0	87.5	0	89.2	0	91.8	0	89.2	0	91.8	0	89.2	0	91.8	0	89.2	0	91.8	0	89.2	0	87.1	0	87.1
69 MPH		0	98.2	0	97.9	0	98.3	0	98.7	0	98.8	0	98.7	0	98.8	0	98.7	0	98.8	0	98.7	0	98.8	0	98.7	0	98.5	0	98.5
74 MPH		0	99.5	0	99.5	0	100.0	0	99.9	0	99.9	0	99.9	0	99.9	0	99.9	0	99.9	0	99.9	0	99.9	0	99.9	0	100.0	0	100.0
79 MPH		0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
84 MPH		0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
89 MPH		0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0

TABLE 17 SPEED DATA

STATION 2LALL HIGHWAY 2 Lane Rural LOCATION see individual stations

NO. OF LANES TYPE OF SURFACE WEATHER

THIS OBSERVATION LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 106)
 DATE October-December, 1978 DATE July-September, 1978
 TIME TIME

PASSENGER CARS										TRUCKS																			
ALL					INDIANA					NON-INDIANA					ALL					<5000 LBS.					>5000 LBS.				
PRES-		ENT		LAST		PRES-		ENT		LAST		PRES-		ENT		PRES-		ENT		LAST		PRES-		ENT		LAST		PRES-	
OBSERVATION		LAST		ENT		LAST		ENT		LAST		LAST		ENT		LAST		ENT		LAST		LAST		ENT		LAST		ENT	
NUMBER OF VEHICLES		0		10.2		0		9.69		0		8.0		0		8.34		0		37.3		0		37.3		0		46.1	
AVE. SPEED (MPH)		0		57.40		0		57.33		0		58.26		0		55.69		0		56.61		0		56.61		0		54.94	
STANDARD DEVIATION		0		5.822		0		5.862		0		5.277		0		5.971		0		5.510		0		5.510		0		6.227	
24 MPH		0		0		0		0		0		0		0		0		0		0		0		0		0		0	
29 MPH		0		0		0		0		0		0		0		0		0		0		0		0		0		0	
34 MPH		0		0		0		0		0		0		0		0		0		0		0		0		0		0	
39 MPH		0		0		0		0		0		0		0		0		0		0		0		0		0		0	
44 MPH		0		1.2		0		1.1		0		0		0		1.2		0		1.6		0		1.6		0		2.0	
49 MPH		0		7.4		0		7.7		0		3.8		0		4.0		0		9.1		0		9.1		0		16.7	
54 MPH		0		28.0		0		28.7		0		20.0		0		38.2		0		31.9		0		31.9		0		43.4	
59 MPH		0		68.2		0		69.0		0		57.5		0		76.3		0		73.2		0		73.2		0		78.7	
64 MPH		0		92.1		0		92.2		0		91.3		0		94.5		0		94.4		0		94.4		0		94.6	
69 MPH		0		97.0		0		96.9		0		98.8		0		95.0		0		98.4		0		98.4		0		99.6	
74 MPH		0		99.3		0		99.3		0		100.0		0		99.9		0		99.7		0		99.7		0		100.0	
79 MPH		0		99.7		0		99.7		0		100.0		0		99.9		0		99.7		0		99.7		0		100.0	
84 MPH		0		99.7		0		99.7		0		100.0		0		100.0		0		100.0		0		100.0		0		100.0	
89 MPH		0		99.8		0		99.8		0		100.0		0		100.0		0		100.0		0		100.0		0		100.0	

TIME

OBSERVATION	ALL			PASSENGER CARS			NON-INDIANA			TRUCKS		
	LAST	ENT	PRES-	LAST	ENT	PRES-	LAST	ENT	PRES-	LAST	ENT	PRES-
NUMBER OF VEHICLES	0	526		0	482		0	44		0	147	
AVE. SPEED (MPH)	0	52.33		0	52.30		0	52.68		0	58.74	
STANDARD DEVIATION	0	4.430		0	4.537		0	3.041		0	4.434	
-24 MPH	0	0		0	0		0	0		0	0	
-29 MPH	0	0		0	0		0	0		0	0	
-34 MPH	0	0		0	0		0	0		0	0	
-39 MPH	0	0		0	0		0	0		0	0	
-44 MPH	0	0		0	0		0	0		0	0	
PERCENT												
OF												
VEHICLES	0	12.5		0	13.1		0	6.8		0	13.6	
TRAVELING	0	54.9		0	55.6		0	47.7		0	61.2	
AT OR	0	88.3		0	88.6		0	90.9		0	90.5	
LESS THAN	0	97.2		0	97.7		0	100.0		0	98.6	
	0	99.6		0	99.6		0	100.0		0	100.0	
79 MPH	0	100.0		0	100.0		0	100.0		0	100.0	
84 MPH	0	100.0		0	100.0		0	100.0		0	100.0	
89 MPH	0	100.0		0	100.0		0	100.0		0	100.0	

STATION	ALL	INDIANA SYSTEM LOCATION	see individual stations
		TABLE__19__SPEED DATA	

WEATHER

Table 20

Monitoring of Speed
(Statistical Summary)☒ Quarterly Report--Calendar Quarter Ending December 31, 1978

or

☐ Annual Report--Year Ending _____STATE Indiana

	Miles	Number of Monitor Locations	Number of Vehicles Measured	Duration of Measurement Session (Hours)	Average Speed (MPH)	Median Speed (MPH)	85th Percentile Speed (MPH)	Percent of Motorists Exceeding		
								55 MPH	60 MPH	65 MPH
Interstate Urban	218	2	877	2.8	58.9	58.4	62.5	80	34	7
Interstate Rural	849	4	1833	10.1	60.3	59.6	64.5	85	46	13
Multi-lane, Divided	657	4	1796	10.9	57.9	57.5	62.3	69	30	7
Multi-lane, Undivided			(Included in multi-lane, divided classification)							
2-Lane, Rural	8030	4	1883	12.6	56.6	56.2	61.6	60	22	6
State Total	9754	14	6389	36.4	58.3	57.9	63.0	72	33	8

TABLE 21

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY	INTERSTATE, RURAL	
STATION NUMBER	RI-6	LOCATION I-65 2.3 miles south of S.R. 56
NUMBER OF SESSIONS	1	DATES 11-9-78 VEHICLES MEASURED 442
AVERAGE SPEED (MPH)	61.0	STANDARD DEVIATION 5.0
MEDIAN SPEED (MPH)	60.4	85TH PERCENTILE SPEED (MPH) 65.3
PERCENTAGE OF VEHICLES EXCEEDING:		
55 MPH	89	60 MPH 54 65 MPH 17

TABLE 22

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY INTERSTATE, RURAL
 STATION NUMBER RI-21 LOCATION I-69 1.6 miles south of S.R. 18
 NUMBER OF SESSIONS 1 DATES 10-2-78 VEHICLES MEASURED 519
 AVERAGE SPEED (MPH) 61.0 STANDARD DEVIATION 4.9
 MEDIAN SPEED (MPH) 60.2 85TH PERCENTILE SPEED (MPH) 65.0
 PERCENTAGE OF VEHICLES EXCEEDING:
 55 MPH 89 60 MPH 52 65 MPH 15

TABLE 23-

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY	INTERSTATE, RURAL	
STATION NUMBER	RI-2	LOCATION I-64 5.9 miles west of S.R. 61
NUMBER OF SESSIONS	1	DATES 11-8-78 VEHICLES MEASURED 434
AVERAGE SPEED (MPH)	60.7	STANDARD DEVIATION 5.6
MEDIAN SPEED (MPH)	60.2	85TH PERCENTILE SPEED (MPH) 65.1
PERCENTAGE OF VEHICLES EXCEEDING:		
55 MPH	93	60 MPH 51 65 MPH 15

TABLE 24

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY INTERSTATE, RURAL
 STATION NUMBER RI-17 LOCATION I-70 1.1 miles east of S.R. 9
 NUMBER OF SESSIONS 1 DATES 11-13-78 VEHICLES MEASURED 438
 AVERAGE SPEED (MPH) 58.4 STANDARD DEVIATION 4.3
 MEDIAN SPEED (MPH) 57.8 85TH PERCENTILE SPEED (MPH) 61.9
 PERCENTAGE OF VEHICLES EXCEEDING:
 55 MPH 78 60 MPH 28 65 MPH 5

TABLE 25

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY MULTI-LANE, DIVIDED (RURAL)
 STATION NUMBER 41-17 LOCATION U.S. 52 150' east of C.R. 475 W., Tippecanoe Co.
 NUMBER OF SESSIONS 1 DATES 10-1-78 VEHICLES MEASURED 482
 AVERAGE SPEED (MPH) 56.5 STANDARD DEVIATION 5.7
 MEDIAN SPEED (MPH) 56.3 85TH PERCENTILE SPEED (MPH) 61.5
 PERCENTAGE OF VEHICLES EXCEEDING:
 55 MPH 62 60 MPH 22 65 MPH 5

TABLE 26--

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY MULTI-LANE DIVIDED (RURAL)
 STATION NUMBER 41-32 LOCATION U.S. 30 2.9 miles west of Wanatah City limit sign
 NUMBER OF SESSIONS 1 DATES 11-10-78 VEHICLES MEASURED 441
 AVERAGE SPEED (MPH) 59.0 STANDARD DEVIATION 5.1
 MEDIAN SPEED (MPH) 58.6 85TH PERCENTILE SPEED (MPH) 63.2
 PERCENTAGE OF VEHICLES EXCEEDING:
 55 MPH 77 60 MPH 36 65 MPH 9

TABLE 27

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY MULTI-LANE, DIVIDED (RURAL)
 STATION NUMBER 44-4 LOCATION U.S. 41 .45 south of South sign of Youngstown
 NUMBER OF SESSIONS 1 DATES 11-7-78 VEHICLES MEASURED 439
 AVERAGE SPEED (MPH) 56.1 STANDARD DEVIATION 5.4
 MEDIAN SPEED (MPH) 55.9 85TH PERCENTILE SPEED (MPH) 61.0
 PERCENTAGE OF VEHICLES EXCEEDING:
 55 MPH 57 60 MPH 21 65 MPH 3

TABLE 28

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY MULTI-LANE, DIVIDED (RURAL)
 STATION NUMBER 44-24 LOCATION U.S. 31 7.8 miles north of SR. 25
 NUMBER OF SESSIONS 1 DATES 11-15-78 VEHICLES MEASURED 434
 AVERAGE SPEED (MPH) 60.0 STANDARD DEVIATION 5.2
 MEDIAN SPEED (MPH) 59.3 85TH PERCENTILE SPEED (MPH) 64.7
 PERCENTAGE OF VEHICLES EXCEEDING:
 55 MPH 82 60 MPH 44 65 MPH 13

TABLE 29

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY TWO-LANE, RURAL
 STATION NUMBER 21-18 LOCATION U.S. 35 2.5 miles east of 169
 NUMBER OF SESSIONS 1 DATES 10-2-78 VEHICLES MEASURED 583
 AVERAGE SPEED (MPH) 56.2 STANDARD DEVIATION 5.8
 MEDIAN SPEED (MPH) 56.5 85TH PERCENTILE SPEED (MPH) 61.2
 PERCENTAGE OF VEHICLES EXCEEDING:
 55 MPH 62 60 MPH 21 65 MPH 4

TABLE 30

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY ---TWO-LANE, RURAL---
 STATION NUMBER 21-54 LOCATION U.S. 231 1.1 miles south of S.R. 234
 NUMBER OF SESSIONS 1 DATES 10-3-78 VEHICLES MEASURED 435
 AVERAGE SPEED (MPH) 57.0 STANDARD DEVIATION 6.2
 MEDIAN SPEED (MPH) 56.6 85TH PERCENTILE SPEED (MPH) 62.1
 PERCENTAGE OF VEHICLES EXCEEDING:
 55 MPH ---63.2--- 60 MPH ---26.8--- 65 MPH ---7.1---

TABLE 31--

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY TWO-LANE RURAL
 STATION NUMBER 2L-11 LOCATION S.R. 59 1.5 miles south of I-70
 NUMBER OF SESSIONS 1 DATES 11-14-78 VEHICLES MEASURED 429
 AVERAGE SPEED (MPH) 57.1 STANDARD DEVIATION 6.3
 MEDIAN SPEED (MPH) 56.1 85TH PERCENTILE SPEED (MPH) 62.5
 PERCENTAGE OF VEHICLES EXCEEDING:
 55 MPH 59 60 MPH 26 65 MPH 9

TABLE 32

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY TWO-LANE, RURAL
 STATION NUMBER 24-57 LOCATION S.R. 3 2.1 miles north of North Leg of S.R. 8
 NUMBER OF SESSIONS 1 DATES 11-16-78 VEHICLES MEASURED 436
 AVERAGE SPEED (MPH) 55.6 STANDARD DEVIATION 5.6
 MEDIAN SPEED (MPH) 55.4 85TH PERCENTILE SPEED (MPH) 60.4
 PERCENTAGE OF VEHICLES EXCEEDING:
 55 MPH 54 60 MPH 17 65 MPH 3

TABLE 33

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY INTERSTATE, URBAN
 STATION NUMBER UI-6 LOCATION I-65 just east of White River
 NUMBER OF SESSIONS 1 DATES 11-20-78 VEHICLES MEASURED 436
 AVERAGE SPEED (MPH) 59.0 STANDARD DEVIATION 4.6
 MEDIAN SPEED (MPH) 58.3 85TH PERCENTILE SPEED (MPH) 62.4
 PERCENTAGE OF VEHICLES EXCEEDING:
 55 MPH 80 60 MPH 32 65 MPH 9

TABLE 34

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY	INTERSTATE, URBAN		
STATION NUMBER	UI-5	LOCATION	I-465 2.5 miles west of U.S. 31
NUMBER OF SESSIONS	1	DATES	11-20-78
	VEHICLES MEASURED 441		
AVERAGE SPEED (MPH)	58.8	STANDARD DEVIATION	4.5
MEDIAN SPEED (MPH)	58.5	85TH PERCENTILE SPEED (MPH)	62.5
PERCENTAGE OF VEHICLES EXCEEDING:			
55 MPH	80	60 MPH	35
		65 MPH	5

